



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 09/656,677

Filed: September 07, 2000

Inventors: MICHAEL DOUGLAS
EDWARD KORNAS
MARIANN ANTICOLI
BARBARA J. SULLINS
ENJU LIANG
MARIA ROCIO MIRTO

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AUG 09 2001

OFFICE OF PETITIONS
DEPUTY A/C PATENTS

Title: METHOD FOR EARLY OPTIMIZATION OF A MANUFACTURING SYSTEM
DESIGN

**POWER OF ATTORNEY AND
DESIGNATION OF CORRESPONDENCE ADDRESS**

As an agent of General Motors Corporation, General Motors of Canada Limited, General Motors Japan Ltd., General Motors Strasbourg S.A., and Saturn Corporation, one or more of whom is the assignee of this patent application, I hereby appoint the following attorney employed by General Motors Corporation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

CARY W. BROOKS (Reg. No. 33361)

Address all communications to:

CARY W. BROOKS
General Motors Corporation
Legal Staff
Mail Code 482-C23-B21
P.O. Box 300
Detroit, MI 48265-3000

Telephone: 313/665-4717

I am authorized to make the above appointment. The assignee's ownership of this patent application is established by the attached assignment documentation, the attached documentation is a true copy of the original documentation, and the original or a true copy of the attached documentation has been or is concurrently being submitted to the Patent and Trademark Office for recording.

By:

Name: Howard N. Conkey – Agent

Date: August 3, 2001


ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-301542 entitled

METHOD FOR EARLY OPTIMIZATION OF A MANUFACTURING SYSTEM DESIGN

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CARY W. BROOKS to insert the application number and filing date of said application here in parentheses (09/656,677 filed September 7, 2000) when known.

Inventor's signature

Date 7-17-01

Full name:

MICHAEL DOUGLAS

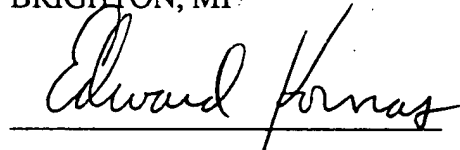
Declaration dated :

Residence:

BRIGHTON, MI

7-17-01

Inventor's signature

Date 7-17-01

Full name:

EDWARD KORNAS


Declaration dated :

Residence:

WATERFORD, MI

7-17-01

Inventor's signature

Date 7/23/01

Full name:

MARIANN ANTICOLI

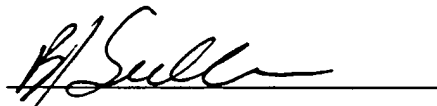
Declaration dated :

Residence:

BLOOMFIELD HILLS, MI

7/23/01

Inventor's signature

Date 7-17-01

Full name:

BARBARA J. SULLINS

Declaration dated :

Residence:

WATERFORD, MI

7-17-01

Inventor's signature



Full name:

ENJU LIANG

Residence:

TROY, MI

Date 7/17/01

Declaration dated :

7/17/01

Inventor's signature



Full name:

MARIA ROCIO MIRTO

Residence:

STERLING HEIGHTS, MI

Date 7-17-01

Declaration dated :

7-17-01

On this 17 day of July, 2001, before me personally appeared MICHAEL DOUGLAS, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)



Notary Public

My commission expires:

County of Authorization:

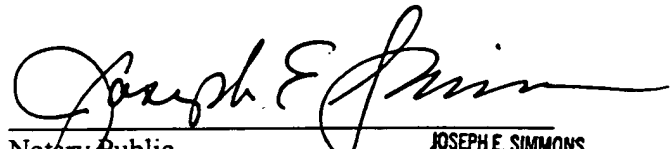
JOSEPH E. SIMMONS

Notary Public, Macomb County, Michigan

My Commission Expires Sept. 28, 2003

On this 17 day of July, 2001, before me personally appeared EDWARD KORNAS, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)



Notary Public

My commission expires:

County of Authorization:


JOSEPH E. SIMMONS

Notary Public, Macomb County, Michigan

My Commission Expires Sept. 28, 2003

On this 23 day of July, 2001, before me personally appeared MARIANN ANTICOLI, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

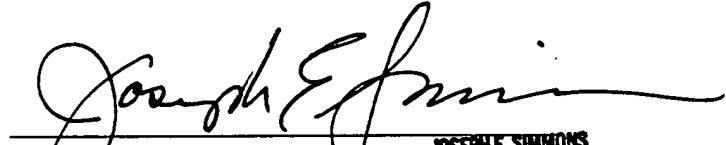
(SEAL)


 Notary Public
 My commission expires:
 County of Authorization:

JOSEPH E. SIMMONS
 Notary Public, Macomb County, Michigan
 My Commission Expires Sept. 28, 2003

On this 17 day of July, 2001, before me personally appeared BARBARA J. SULLINS, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.


(SEAL)


 Notary Public
 My commission expires:
 County of Authorization:

JOSEPH E. SIMMONS
 Notary Public, Macomb County, Michigan
 My Commission Expires Sept. 28, 2003

On this 17 day of July, 2001, before me personally appeared ENJU LIANG, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.


(SEAL)


 Notary Public
 My commission expires:
 County of Authorization:

JOSEPH E. SIMMONS
 Notary Public, Macomb County, Michigan
 My Commission Expires Sept. 28, 2003

On this 17 day of July, 2001, before me personally appeared MARIA ROCIO MIRTO, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)


 Notary Public
 My commission expires:
 County of Authorization:

JOSEPH E. SIMMONS
 Notary Public, Macomb County, Michigan
 My Commission Expires Sept. 28, 2003